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NRO REVIEW COMPLETED

MEMORANDUM FOR : Assistant Director, Office of Special Activities

SUBJECT : Systems XVI Development

1. The Office of ELINT has investigated various aspects of the System XVI installation for the IDEALIST aircraft, and a complete proposal is being prepared for presentation to AD/OSA.

2. Our study of System XVI has been extended beyond consideration of the airborne components in order to provide a complete project description for you. Agency and non-Agency requirements for the intelligence information which may be derived are being consolidated; the airborne equipment is being treated as a unitized package; and advantage will be taken of recent improvements in OEL processing techniques. The alternatives being studied here include the trade-offs between airborne processing of the intercepted signals and ground processing. Such ground processing as may be required will be as compatible as possible with equipment which the Agency now possesses. The operational data acquisition and processing sequence which will be applicable for System XVI is also being developed and will include recommendations regarding data processing at [redacted] the aircraft operational site, or headquarters HEPC.

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3. Our objective is to complete this study by the end of January so that possible funding considerations can be indicated for year-end funds.

GEORGE C. MILLER
Assistant Director for ELINT

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DAD/S&D: [redacted] /kas (6 January 1964)

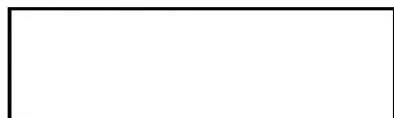
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